

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31594

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06K 9/00

US CL : 382/128

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 382/128,154; 128/920,922; 356/39.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST; IEEE DATABASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,332,034 B1 (MAKRAM-EBEID et al) 18 Dec. 2001, figures 2 and 3	1-64
A	US 6,381,350 B1 (KLINGENSMITH et al) 30 Apr. 2002, entire document	1-64
A	US 6,385,332 B1 (ZAHALKA et al) 7 May 2002, entire document	1-64
A	US 6,463,309 B1 (ILIA) 8 Oct. 2002, entire document	1-64

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Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

19 January 2005 (19.01.2005)

Date of mailing of the international search report

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